



Coomassie Brilliant Blue Fast Staining Solution

1. Product size

Product code	Product name	Size	Storage
CSB-CS0001	Coomassie Brilliant Blue Fast Staining Solution	100ml/bottle	Room temperature, sealed-off

2. Product introduction

Coomassie brilliant blue fast staining solution adopts coomassie brilliant blue G250 as a dye, which can be used for protein gel electrophoresis staining, and 10 ng band can be immediately detected after 15 min, no need to be fixed before stained, and no need to be discolored after stained. This product does not contain methanol or acetic acid, which is a non-toxic, non-irritating odor dyeing solution.

3. Instructions

3.1. After finishing regular PAGE electrophoresis, carefully remove the gel, according to the size of the gel, place it in a container which can be heated by boiling water bath, to keep it sealed as far as possible in the process of boiling water bath, to prevent the liquid evaporating and the gel becoming dry.

3.2. Add plenty of pure water, to make sure that the gel can be free-swinging, and conduct boiling water bath for 6 min, discard the water, rinse the gel with pure water once.

3.3. Add 50-100 ml of dyeing solution, to make sure it's enough to submerge the gel, and conduct boiling water bath for 5-8 min, take out the gel and rinse it with tap water or warm water, to remove the residual staining solution on the surface, then you can observe. If the background is not transparent when dyeing many pieces of gels at the same time, you can add pure water and conduct boiling water bath for 3 to 10 minutes, and you can get the gel with no background color.

4. Notes

4.1. This staining solution is acidic. If G250 is dyed onto clothing or skin, it's very difficult to clean, so please do necessary protection when operating.

4.2. The newly opened staining solution may have precipitation, and the precipitates will be dissolved after heated, just mix well and use.

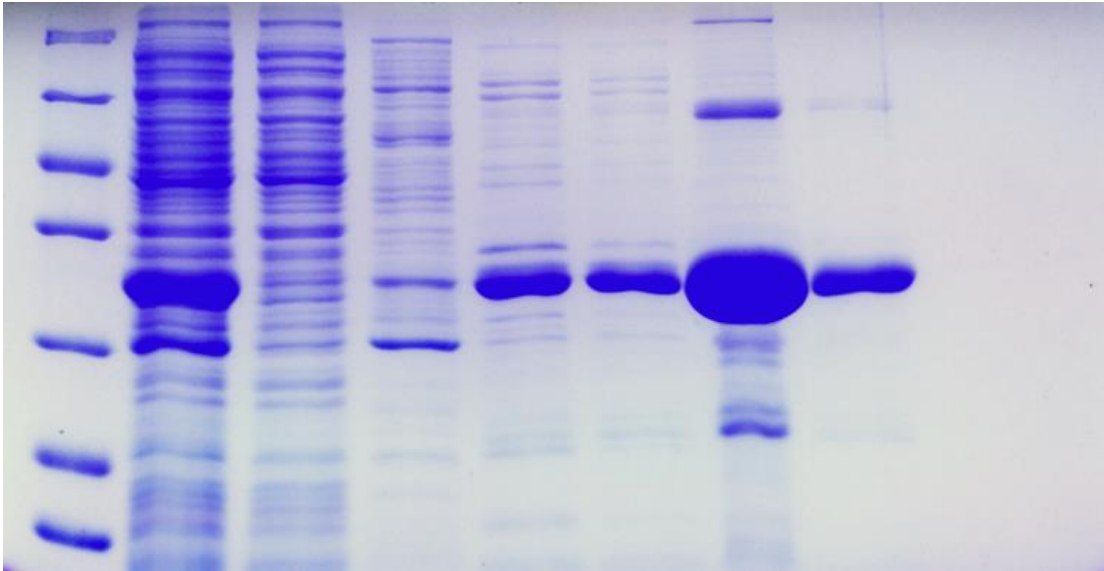
4.3. The first step of cooking the gel in boiling water is very important. It's better to choose deionized water, and the volume should be as large as possible, otherwise it may cause gel dyeing background deepened.

4.4. The staining solution can be reused. Each time dye eight pieces of gels, and can use for about 15 times. If the color is light in later use, you can extend the boiling water bath time to 15 minutes appropriately.



4.5. This product is limited to professional personnel for scientific research, should not be used for clinical diagnosis or treatment, should not be used for food or medicine, should not be stored in ordinary residence.

5. The dyeing effect image



Note: This is the purification effect image of a target protein. Lane 1 is the Marker and its content is 1000 ng.